



Functional Independence Mathematics

Official Released Items

Grade 3

**Fall 2005
Official Released Items**

**MICHIGAN STATE BOARD OF EDUCATION
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The Functional Independence Mathematics Assessments for grades 3 through 8 were administered for the first time in fall 2005. Beginning with this administration, the Office of Educational Assessment and Accountability (OEAA) will release a portion of the items that were administered in each grade each year. This booklet contains released items from the fall 2005 administration and is intended to be used by districts to assist in their interpretation of item analysis data. The information contained in this booklet may also be used by schools, teachers, and parents as a resource for understanding the content and format of the assessment items. In addition to MI-Access training materials and Extended Grade Level Content Expectations (EGLCE), the released items may also have utility in informing decisions related to instruction, curriculum, and assessment. These items are **not** secure and may be copied and distributed as needed.

The table below lists the number of core and released items from the fall 2005 assessment booklets. Core items are those that count toward students' scores. All released items in this booklet were selected from the pool of core items that appeared on the assessment.

Functional Independence - Mathematics

Mathematics Strand	Number of Core Items
Numbers and Operations	10
Measurement	8
Geometry	9
Data and Probability	3
Total Core Items/Points	30
Released Items	10 (Numbers vary by strand and topic.)

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DIRECTIONS: Read each question. Choose the **BEST** answer for each question.

R1 What number is missing in the pattern?

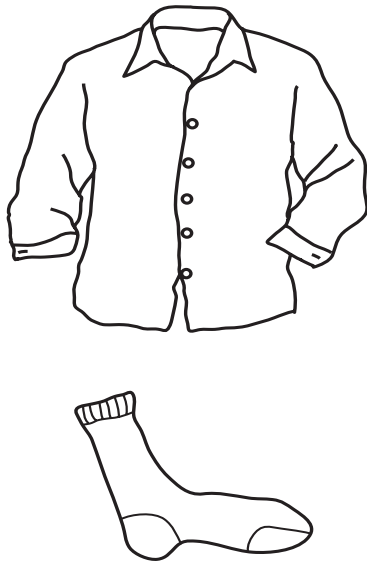
10, 15, __, 25

A 16

B 19

C 20

Use the figure below to answer question **R2**.

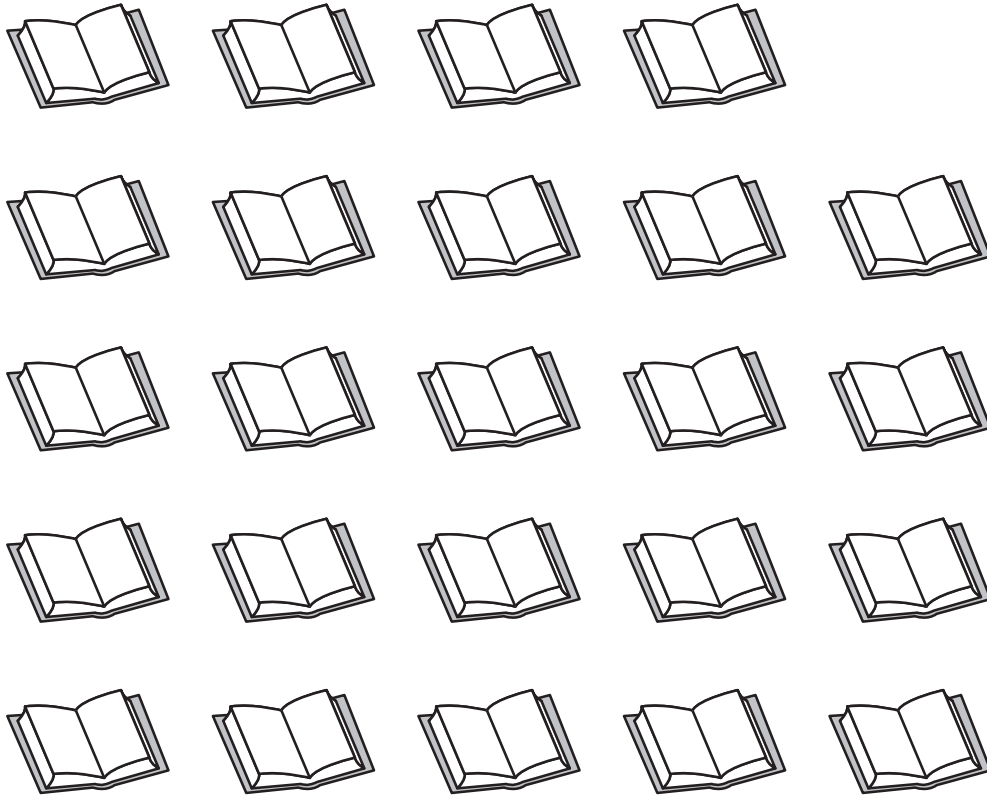



R2 The sock is _____ the shirt .



- A** above
- B** below
- C** next to

Use the picture below to answer question **R3**.



R3 How many books  are shown?

- A** 9
- B** 18
- C** 24

R4 Del went to the park.

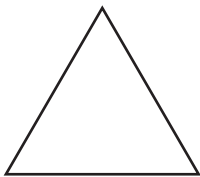
He marked his paper one time for every plant he saw.



How many plants did Del see?

- A** 3
- B** 7
- C** 9

Use the figure below to answer question **R5**.



R5 What figure is shown?

- A** circle
- B** square
- C** triangle

R6 Paul is 4 feet tall.

Scott is 3 feet tall.

Which sentence is true?

- A** Paul is taller than Scott.
- B** Paul is shorter than Scott.
- C** Paul and Scott are the same height.

Use the coin below to answer question **R7**.



R7 What is the value of this coin?

- A** 5¢
- B** 10¢
- C** 25¢

Use the shapes below to answer question **R8**.



R8 What shape comes next in the pattern?

A



B



C

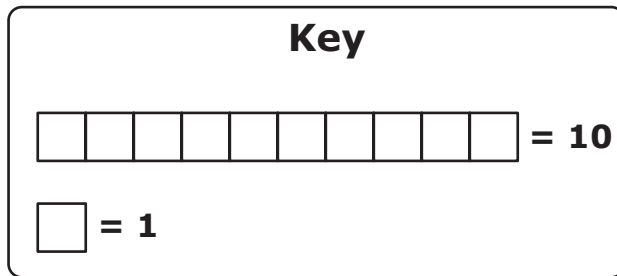


R9 Compare these numbers:

$$4 \quad \square \quad 4$$

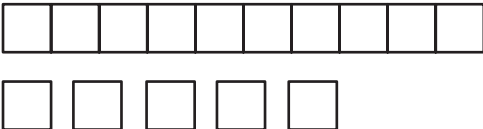
- A** 4 is less than 4
- B** 4 is equal to 4
- C** 4 is greater than 4

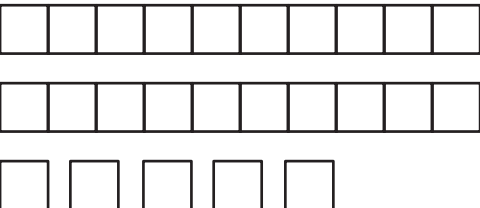
Use the figure below to answer question **R10**.



R10 Which of these is equal to 15?

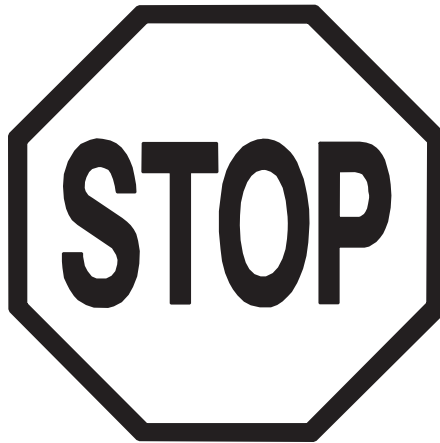
A 

B 

C 



Do Not Continue.



Do not continue until instructed to do so.

Below is a list of the Extended Grade Level Content Expectations (EGLCE) for each released item found in this booklet. The chart contains the EGLCE code, a brief description of what is measured, and the correct answer for each released item.

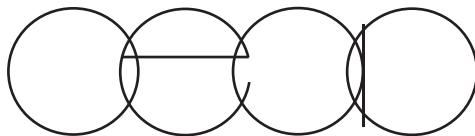
Because the assessment was administered during the **fall** of the school year, only content from the *previous* grade level was measured on the assessment. For example, items eligible for the Grade 3 assessment will measure Grade 2 EGLCE.

Full descriptions of the EGLCE contained in the chart below are available for review and download at **www.mi.gov/mi-access**.

Released Item Number	EGLCE Code	STRAND or Abbreviated Extended GLCE Descriptor	Answer Key
		DATA AND PROBABILITY	
R4	D.RE.02.EG01	Collect and explore data through counting	C
		GEOMETRY	
R5	G.GS.02.EG01	Identify common two-dimensional shapes	C
R2	G.LO.02.EG02	Describe position of objects on a plane and in space	B
R8	G.SR.02.EG04	Predict the next element in a geometric pattern.	C
		MEASUREMENT	
R6	M.PS.02.EG01	Compare length	A
R7	M.UN.02.EG03	Identify different denominations of coins.	C
		NUMBERS AND OPERATIONS	
R3	N.ME.02.EG01	Count whole numbers to 30	C
R10	N.ME.02.EG02	Recognize representations for whole numbers to 30	B
R9	N.ME.02.EG03	Compare and order numbers to 30	B
R1	N.MR.02.EG05	Create, describe, and extend simple number patterns	C



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Office of Educational Assessment & Accountability

Michigan Department of Education
Office of Educational Assessment and Accountability
Assessment for Students with Disabilities Program
608 West Allegan Street
P.O. Box 30008
Lansing, MI 48909
(517) 241-4416
www.mi.gov/mi-access